HISTOPATHOLOGY

Official journal of the British Division of the
International Academy of Pathology

Editor
R.N.M.MacSween

Editorial Board
P.P.Anthony
J.G.Azzopardi
C.W.Elston
A.K.Foulis
H.Fox
Kristin Henry

1986
Volume Ten

Blackwell Scientific Publications
OXFORD · LONDON · EDINBURGH · BOSTON · PALO ALTO · MELBOURNE

© 1986 Blackwell Scientific Publications
Osney Mead, Oxford OX2 0EL
8 John Street, London WC1N 2ES
23 Ainslie Place, Edinburgh EH3 6AJ
52 Beacon Street, Boston, Mass. 02108, USA
667 Lytton Avenue, Palo Alto, Calif. 94301, USA
107 Barry Street, Carlton, Victoria 3053, Australia

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior permission of the copyright owner.

Filmset in Linotype Times

Printed in Great Britain
by Adlard & Son Ltd, Bartholomew Press
Dorking, Surrey

Contents

Volume 10, Number 1, January 1986

1 P. J. SCHEUER: Review: Changing views on chronic hepatitis

5 C. D. BARONI, F. PEZZELLA, M. MIROLO, L. P. RUCO and G. B. ROSSI: Immunohistochemical demonstration of p24 HTLV III major core protein in different cell types within lymph nodes from patients with lymphadenopathy syndrome (LAS)

15 C. GUETTIER, K. C. GATTER, A. HERYET and D. Y. MASON: Dendritic reticulum cells in reactive lymph nodes and tonsils: an immunohistological study

25 P. ROMAGNOLI, S. MORETTI, A. FATTOROSSI and B. GIANNOTTI: Dendritic cells in the dermal infiltrate of Sézary syndrome

37 D. C. ALLEN and J. D. BIGGART: Misplaced epithelium in ulcerative colitis and Crohn's disease of the colon and its relationship to malignant mucosal changes

53 S. F. BONAR and E. C. SWEENEY: The prevalence, prognostic significance and hormonal content of endocrine cells in gastric cancer

65 F. CALLEA, R. DE VOS, R. TOGNI, R. TARDANICO, M. J. VANSTAPEL and V. J. DESMET: Fibrinogen inclusions in liver cells: a new type of ground-glass hepatocyte. Immune light and electron microscopic characterization

75 S. SCHRÖDER and W. BÖCKER: Clear-cell carcinomas of thyroid gland: a clinicopathological study of 13 cases

91 L. HJORTH, L. B. THOMSEN and V. T. NIELSEN: Adenolipoma of the thyroid gland

97 M. A. VESTFRID: Papillary carcinoma of the thyroid gland with lipomatous stroma: report of a peculiar histological type of thyroid tumour

101 A. DONNA and P. G. BETTA: Differentiation towards cartilage and bone in a primary tumour of pleura. Further evidence in support of the concept of mesodermoma

109 Forthcoming meetings

Volume 10, Number 2, February 1986

111 T. J. EIDE: Prevalence and morphological features of adenomas of the large intestine in individuals with and without colorectal carcinoma

119 Q. A. HAMID, ANNE E. BISHOP, K. L. SIKRI, I. M. VARNDELL, S. R. BLOOM and JULIA M. POLAK: Immunocytochemical characterization of 10 pancreatic tumours, associated with the glucagonoma syndrome, using antibodies to separate regions of the proglucagon molecule and other neuroendocrine markers

135 C. D. M. FLETCHER, J.K-C. CHAN and P. H. MCKEE: Dermal nerve sheath myxoma: a study of three cases

147 S. HUMPHREYS, H. PAMBAKIAN, P. H. MCKEE and C. D. M. FLETCHER: Soft tissue chondroma—a study of 15 tumours

161 B. A. GUSTERSON, S. CLINTON and G. GOUGH: Studies of early invasive and intraepithelial squamous cell carcinomas using an antibody of type IV collagen

171 R. VISSER, J. M. H. VAN DER BEEK, M. G. HAVENITH, J. P. M. CLEUTJENS and F. T. BOSMAN: Immunocytochemical detection of basement membrane antigens in the histopathological evaluation of laryngeal dysplasia and neoplasia

181 R. KODET, N. KASTHURI, H. B. MARSDEN, N. A. G. COAD and F. RAAFAT: Gangliorhabdomyosarcoma: a histopathological and immunohistochemical study of three cases

195 J. R. G. NASH, E. GRADWELL and D. W. DAY: Large-cell intestinal lymphoma occurring in coeliac disease: morphological and immunohistochemical features

207 M. WAXMAN, J. C. VULETIN, P. ROSENBLATT and F. P. HERZBERG: Melanocyte colonization of adenocarcinoma arising in an ovarian dermoid

217 G. S. A. MCDONALD and M. G. COURTNEY: Operation-associated neutrophils in a percutaneous liver biopsy: effect of prior transjugular procedure

Volume 10, Number 3, March 1986

223 A. S. JACK and F. D. LEE: Morphological and immunohistochemical characteristics of T-cell malignant lymphomas in the west of Scotland

235 P. VAN DER VALK, R. WILLEMZE and C. J. L. M. MEIJER: Peripheral T-cell lymphomas: a clinicopathological and immunological study of 10 cases

251 T. J. STEPHENSON, D. W. R. GRIFFITHS and PATRICIA M. MILLS: Comparison of *Ulex europaeus* I lectin binding and factor VIII-related antigen as markers of vascular endothelium in follicular carcinoma of the thyroid

261 R. GONZÁLEZ-CÁMPORA, C. MONTERO, I. MARTIN-LACAVE and H. GALERA: Demonstration of vascular endothelium in thyroid carcinomas using *Ulex europaeus* I agglutinin

267 A. D. O'LEARY and E. C. SWEENEY: Lymphoglandular complexes of the colon: structure and distribution

285 J. H. J. M. VAN KRIEKEN and J. TE VELDE: Immunohistology of the human spleen: an inventory of the localization of lymphocyte subpopulations

295 M. APAJA-SARKKINEN, M. ALAVAIKKO, T. KARTTUNEN and HELENA AUTIO-HARMAINEN: Basement membrane proteins in the spleen: immunohistochemical demonstration and relation to reticulin

303 M. E. BOON, L. P. KOK and E. OUWERKERK-NOORDAM: Microwave-stimulated diffusion for fast processing of tissue: reduced dehydrating, clearing, and impregnating times

311 E. F. GAFFNEY, T. DOORLY and J. J. DINN: Aggressive oncocytic neuroendocrine tumour ('oncocytic paraganglioma') of the cauda equina

321 D. WRIGHT: Commentary: T-Cell lymphomas

327 Book reviews

333 Forthcoming meetings

Volume 10, Number 4, April 1986

335 G. B. M. LINDOP and A. F. LEVER: Anatomy of the renin-angiotensin system in the normal and pathological kidney

363 IONA J. M. JEFFREY, D. R. LUCAS, CARRIE MCEWAN and W. R. LEE: Malignant melanoma of the conjunctiva

379 B. J. ADDIS and P. G. ISAACSON: Large cell lymphoma of the mediastinum: a B-cell tumour of probable thymic origin

391 R. MIR, L. B. KAHN and G. SELZER: Immunohistochemistry of primary gastrointestinal lymphomas: a study of 76 cases

405 M. HARRIS and A. M. LESSELLS: The ultrastructure of medullary, atypical medullary and non-medullary carcinomas of the breast

415 C. A. WELLS, S. NICOLL and D. J. P. FERGUSON: Adenoid cystic carcinoma of the breast: a case with axillary lymph node metastasis

425 MARTHA BALÁZS: Adenoid cystic (cylindromatous) carcinoma of the trachea: an ultrastructural study

436 Forthcoming meetings

Volume 10, Number 5, May 1986

437 J. R. JASS, W. S. ATKIN, J. CUZICK, H. J. R. BUSSEY, B. C. MORSON, J. M. A. NORTHOVER and I. P. TODD: The grading of rectal cancer: historical perspectives and a multivariate analysis of 447 cases

461 M. S. DUNNILL and K. C. GATTER: Cellular heterogeneity in lung cancer

477 H. SPENCER and S. NAMBU: Sclerosing haemangiomas of the lung

489 C. D. M. FLETCHER, G. POWELL and P. H. MCKEE: Extraskeletal myxoid chondrosarcoma: a histochemical and immunohistochemical study

501 ANN GLEDHILL, P. A. HALL, J. P. CRUSE and D. J. POLLOCK: Enteroendocrine cell hyperplasia, carcinoid tumours and adenocarcinoma in long-standing ulcerative colitis

509 J. J. VAN DEN OORD, C. DE WOLF-PEETERS, R. DE VOS, J. THOMAS and V. J. DESMET: Sarcoma arising from interdigitating reticulum cells: report of a case, studied with light and electron microscopy, and enzyme- and immunohistochemistry

525 S. PURDY and E. F. GAFFNEY: Ultrastructural and immunocytochemical definition of component neoplasms in an unusual gastro-oesophageal collision tumour

535 J. J. CALAME, J. W. VAN'T WOUT, J. G. VAN DIJK and G. TH. A. M. BOTS: A case of eosinophilic meningo-encephalitis accompanied by eosinophilic inflammation of the myenteric plexus in Hodgkin's disease

541 B. E. HEARD: Commentary: Benign sclerosing 'haemangioma' of the lung

543 J. T. BERANEK, R. MASSEYEFF and V. J. DESMET: Commentary: Hyperplastic capillaries and their possible involvement in the pathogenesis of fibrosis

553 Forthcoming meetings

554 Erratum

Volume 10, Number 6, June 1986

555 D. B. ROLFES and K. G. ISHAK: Review: Liver disease in pregnancy

571 R. MAURER, U. SCHMID, J. D. DAVIES, N. J. MAHY, A. G. STANSFELD and R. J. LUKES: Lymph-node infarction and malignant lymphoma: a multicentre survey of European, English and American cases

589 F. MENESTRINA, M. CHILOSI, F. BONETTI, M. LESTANI, A. SCARPA, P. NOVELLI, C. DOGLIONI, G. TODESCHINI, A. AMBROSETTI and L. FIOREDONATI: Mediastinal large-cell lymphoma of B-type, with sclerosis: Histopathological and immunohistochemical study of eight cases

601 J. K. C. CHAN, C. S. NG and S. TUNG: Multilobated B-cell lymphoma, a variant of centroblastic lymphoma. Report of four cases

613 E. C. M. OOMS, C. E. M. BLOMJOUS, J. ZWARTENDIJK, R. W. VELDHUIZEN, A. P. R. BLOK, R. J. HEINHUIS and M. E. BOON: Connective tissue stroma in bladder papillary transitional cell carcinoma, carcinoma *in situ* and benign cystitis

621 H. KERNER and C. LICHTIG: Lobular cancerization: incidence and differential diagnosis with lobular carcinoma *in situ* of breast

631 J. J. GOING, A. B. LUMSDEN and T. J. ANDERSON: A classical osteogenic sarcoma of the breast: histology, immunohistochemistry and ultrastructure

643 A. J. HOWAT, M. F. GONZALES, K. D. WATERS and P. E. CAMPBELL: Primitive neuroectodermal tumour of the central nervous system associated with malignant rhabdoid tumour of the kidney: report of a case

651 S. SHUANGSHOTI: Primitive neuroectodermal (neuroepithelial) tumour of soft tissue of the neck in a child: demonstration of neuronal and neuroglial differentiation

659 Forthcoming meetings

Volume 10, Number 7, July 1986

661 N. MILLER, Y. C. BÉDARD, N. B. COOTER and D. L. SHAUL: Histological changes in the genital tract in transsexual women following androgen therapy

671 B. FALINI, K. PULFORD, W. N. ERBER, D. N. POSNETT, G. PALLESEN, R. SCHWARTING, L. ANNINO, A. CAFOLLA, S. CANINO, A. MORI, O. MINELLI, C. CIANI, E. E. VOXES, H. M. GOLOMB, G. DELSOL, H. STEIN, M. F. MARTELLI, F. GRIGNANI and D. Y. MASON: Use of a panel of monoclonal antibodies for the diagnosis of hairy cell leukaemia. An immunocytochemical study of 36 cases

689 E. C. HAGEN, C. VENNEGOOR, R. O. SCHLINGEMANN, E. A. VAN DER VELDE and D. J. RUITER: Correlation of histopathological characteristics with staining patterns in human melanoma assessed by (monoclonal) antibodies reactive on paraffin sections

701 F. MAGEE, J. L. WRIGHT, N. CHAN, W. CURRIE, G. KARR, J. HOGG and W. M. THURLBECK: Two unusual pathological reactions to nitrofurantoin: case reports

707 G. LAPERTOSA, P. BARACCHINI, E. FULCHERI and R. TANZI: O-acetylated sialic acid variants in intestinal glandular metaplasia of the urinary tract

713 C. D. M. FLETCHER, R. W. STIRLING, M. A. SMITH, H. PAMBAKIAN and P. H. MCKEE: Multicentric extra-abdominal 'myofibromatosis': report of a case with ultrastructural findings

725 M. F. TUNGEKAR: Gastric signet-ring cell lymphoma with alpha heavy chains

735 K. AOZASA, A. INOUE, S. KATAGIRI, F. MATSUZUKA, S. KATAYAMA and T. YONEZAWA: Plasmacytoma and follicular lymphoma in a case of Hashimoto's thyroiditis

741 J. E. THOMPSON and J. D. VAN DER WALT: Nodular fibrous proliferation (fibrous pseudotumour) of the tunica vaginalis testis. A light, electron microscopic and immunocytochemical study of a case and review of the literature

749 A. J. BALATON, P. N. VUONG, P. VAURY and E. E. BAVIERA: Plexiform tumorlet of the uterus: immunohistological evidence for a smooth muscle origin

755 J. HEALD, H. MOUSSALLI and P. S. HASLETON: Diffuse leiomyomatosis of the oesophagus

761 A. SIEGAL and A. SWARTZ: Malignant carcinoid of oesophagus

767 Book reviews

771 Correspondence

775 Forthcoming meetings

Volume 10, Number 8, August 1986

777 M. WELLS and L. J. R. BROWN: Review: Glandular lesions of the uterine cervix: the present state of our knowledge

793 J. R. G. NASH: An immunohistochemical study of non-Hodgkin's lymphomas: correlation of morphological appearances and immunophenotype in 148 cases

815 N. W. WILSON, H. PAMBAKIAN, T. C. RICHARDSON, M. R. STOKOE, C. A. MAKIN and E. HEYDERMAN: Epithelial markers in thyroid carcinoma: an immunoperoxidase study

831 P. SMITH, G. HURST, D. HEATH and R. DREWE: The carotid bodies in a case of ventricular septal defect

841 T. KARTTUNEN, M. ALAVAIKKO, M. APAJA-SARKKINEN and H. AUTIO-HARMAINEN: Distribution of basement membrane laminin and type IV collagen in human reactive lymph nodes

851 R. M. TUDER: Malignant disease of the pleura: a histopathological study with special emphasis on diagnostic criteria and differentiation from reactive mesothelium

867 P. A. DERVAN, B. TOBIN and M. O'CONNOR: Solitary (localized) fibrous mesothelioma: evidence against mesothelial cell origin

877 J. R. SALISBURY, A. J. DARBY and W. F. WHIMSTER: Papillary adenocarcinoma of lung with psammoma bodies: report of a case derived from type II pneumocytes

885 Book reviews

889 Forthcoming meetings

Volume 10, Number 9, September 1986

891 S. A. VINORES, M. M. HERMAN and L. J. RUBINSTEIN: Electron-immunocytochemical localization of neuron-specific enolase in cytoplasm and on membranes of primary and metastatic cerebral tumours and on glial filaments of glioma cells

909 J. R. SAFNECK and D. J. DESA: Structures mimicking sex cord-stromal tumours and gonadoblastomas in the ovaries of normal infants and children

921 N. G. EL-LABBAN and E. OSORIO-HERRERA: Apoptotic bodies and abnormally dividing epithelial cells in squamous cell carcinoma

933 P. S. HASLETON, J. W. IRONSIDE, J. S. WHITTAKER, W. KELLY, C. WARD and G. S. THOMPSON: Pulmonary veno-occlusive disease. A report of four cases

945 D. J. HARRISON and M. K. MACDONALD: The origin of cells in the glomerular crescent investigated by the use of monoclonal antibodies

953 R. J. MARSHALL and P. SWENY: Haemolytic-uraemic syndrome in recipients of bone marrow transplants not treated with cyclosporin A

963 H.-J. SCHUURMAN, L. F. VERDONCK, J. G. N. GEERTZEMA, J. A. VAN DER LINDEN and G. C. DE GAST: Monotypic immunoglobulin E plasma cells in an allogeneic bone marrow transplant recipient

971 C. D. M. FLETCHER and S. E. DAVIES: Benign plexiform (multinodular) schwannoma: a rare tumour unassociated with neurofibromatosis

981 J. M. HEATON and K. A. MACLENNAN: Vasitis nodosa—a site of arrest of malignant germ cells

991 A. M. ALTEMANI, J. VASSALO and A. BILLIS: Congenital focal glomerular lesions in only one monozygotic twin related to a probable twin transfusion syndrome

995 A. H. WYLLIE: Commentary: What is apoptosis?

999 Book reviews

1001 Correspondence

1003 Forthcoming meetings

1005 Announcements

Volume 10, Number 10, October 1986

1007 L. M. KNUDSEN and G. PALLESEN: The preservation and loss of various non-haematopoietic antigens in human post-mortem tissues as demonstrated by monoclonal antibody immunohistological staining

1015 S. KORBI, M-F. TOCCANIER, G. LEYVRAZ, J. STALDER and Y. KAPANCI: Use of silver staining (Dieterlé's stain) in the diagnosis of cat scratch disease

1023 H. D. SCHRODER and L. JOHANNSEN: Demonstration of S-100 protein in sustentacular cells of phaeochromocytomas and paragangliomas

1035 G-Z. LIANG, H-G. ZHUANG, W-C. LI and R-Z. GUO: T-cell lymphoma: a morphological, histochemical and immunological study of nine Chinese cases

1047 P. R. MILLARD, E. YOUNG, D. E. HARRISON and F. WOJNAROWSKA: Reactive perforating collagenosis: light, ultrastructural and immunohistological studies

1057 N. M. SMITH and A. J. MALCOLM: Simultaneous AL-type amyloid and light chain deposit disease in a liver biopsy: a case report

1065 C. J. KIRKPATRICK, A. CURRY, J. GALLE and I. MELZNER: Systemic kappa light chain deposition and amyloidosis in multiple myeloma: novel morphological observations

1077 G. B. M. LINDOP, B. LECKIE and C. G. WINEARLS: Malignant hypertension due to a renin-secreting renal cell carcinoma—an ultrastructural and immunocytochemical study

1089 R. A. BURNETT and D. MILLAN: Decidual change in pelvic lymph nodes: a source of possible diagnostic error

1093 D. W. K. COTTON, D. N. SLATER, N. ROONEY, J. R. GOEPEL and P. M. MILLS: Giant vascular eccrine spiradenomas: a report of two cases with histology, immunohistology and electron microscopy

1101 Correspondence

1104 Forthcoming meetings

Volume 10, Number 11, November 1986

1107 S. PILERI, M. T. RIVANO, E. RAISE, G. GUALANDI, M. GOBBI, M. MARTUZZI, F. M. GRITTI, J. GERDES and H. STEIN: The value of lymph node biopsy in patients with the acquired immunodeficiency syndrome (AIDS) and the AIDS-related complex (ARC): a morphological and immunohistochemical study of 90 cases

1131 S. FLEMING and H.J.E. LEWI: Collecting duct carcinoma of the kidney

1143 J. D. BARRY and F. E. SHARKEY: Morphometric grading of squamous cell carcinoma

1153 M. LEADER, M. COLLINS, J. PATEL and K. HENRY: Staining for factor VIII related antigen and *Ulex europaeus* agglutinin I (UEA-I) in 230 tumours. An assessment of their specificity for angiosarcoma and Kaposi's sarcoma

1163 J. M. MUNRO, J. D. VAN DER WALT and E. L. COX: A comparison of cytoplasmic immunoglobulins in retroperitoneal fibrosis and abdominal aortic aneurysms

1171 M. B. REID, C. GRAY, J. D. FEAR and C. C. BIRD: Immunohistological demonstration of factors XIIIa and XIIIs in reactive and neoplastic fibroblastic and fibro-histiocytic lesions

1179 P. A. HALL, A. J. D'ARDENNE, M. G. BUTLER, P. M. STEARN, S. G. SUBBUSWAMY, A. J. BLACKSHAW and D. A. LEVISON: Cytokeratin and laminin immunostaining in the diagnosis of cutaneous neuro-endocrine (Merkel cell) tumours

1191 J. W. GRANT, D. KAESCH and D. B. JONES: Spinal cord compression as the first presentation of lymphoma—a review of 15 cases

1203 I. LAUDER and A. C. CAMPBELL: Commentary: The lymphadenopathy of human immunodeficiency virus infection

1209 Book reviews

1211 Correspondence

1217 Forthcoming meetings

Volume 10, Number 12, December 1986

1219 D. J. P. FERGUSON, T. J. ANDERSON, C. A. WELLS and S. BATTERSBY: An ultrastructural study of mucoid carcinoma of the breast: variability of cytoplasmic features

1231 D. WILLEBRAND, F. T. BOSMAN and A. F. P. M. DE GOEIJ: Patterns of basement membrane deposition in benign and malignant breast tumours

1243 A. J. NORTON and P. G. ISAACSON: An immunocytochemical study of T-cell lymphomas using monoclonal and polyclonal antibodies effective in routinely fixed wax embedded tissues

1261 J. M. THEAKER, K. C. GATTER, M. M. ESIRI and P. EASTERBROOK: Neoplastic angioendotheliosis—further evidence supporting a lymphoid origin

1271 N. ECTORS and M. F. DIXON: The prognostic value of sulphomucin positive intestinal metaplasia in the development of gastric cancer

1279 A. KONDI-PAPHITIS and B. J. ADDIS: Secretory component in pulmonary adenocarcinoma and mesothelioma

1289 M. S. PETERS and J. R. GOELLNER: Spitz naevi and malignant melanomas of childhood and adolescence

1303 S. FLEMING and A. A. M. GIBSON: Proteinase inhibitors in the kidney and its tumours

1315 M. LEADER, J. PATEL, C. MAKIN and K. HENRY: An analysis of the sensitivity and specificity of the cytokeratin marker CAM 5.2 for epithelial tumours. Results of a study of 203 sarcomas, 50 carcinomas and 28 malignant melanomas

1325 F. RAAFAT, W. D. SALMAN, K. ROBERTS, L. INGRAM, R. REES and J. R. MANN: Carney's triad: gastric leiomyosarcoma, pulmonary chondroma and extra-adrenal paraganglioma in young females

1334 Acknowledgements

1335 Forthcoming meetings

1336 Author index to Volume 10

1344 Subject index to Volume 10